

From: Ex. 6 Personal Privacy (PP)
Sent: 5/15/2018 11:54:13 AM
To: Burdett, Cheryl [burdett.cheryl@epa.gov]
Subject: Re: Wisconsin Drinking Water Wells - Concerns for Contamination
Attachments: Nitrate Map WI.pdf

Here is the Nitrate Map to go with the information I have already sent.

https://gissrv2.uwsp.edu/cnr/gwc/pw_web/

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<http://www.sraproject.org/donate-to-srap/>

On Mon, May 14, 2018 at 6:19 PM, Ex. 6 Personal Privacy (PP) wrote:

Concerns for contamination:

1. Wells surrounding the Central Sands Dairy appear to be listed as new or replacement wells. 1989 until present as shown on attached documents
(blue number in left column is clickable for details of each well)
2. Water table level of a well at 12 feet may show that lagoons could possibly contribute to contamination of groundwater. Are lagoons built in the water table?
3. Irrigation well details show that depth of nearby wells may be affected by pumping levels, wastes applied or chemicals used.
4. Are irrigation wells being used for animal waste injection? Do all wells have back flow devices?
5. The Central Sands Dairy has a digester. Attached is a document that states: (page 2 Transformation and Agronomic...)
They conclude that anaerobic digestion of manure resulted in higher ammonium N concentrations (50-75% of total N) in the digested material.
Digester effluent may cause increased risks for groundwater contamination.

Wells 1989 until present

[https://prodoasext.dnr.wi.gov/inter1/watr\\$well_const.querylist?P_WI_UNIQUE_WELL_NO=&P_COUNTY_CODE=29&P_MUNI_NAME=&P_WELL_ADDR=&P_WELL_COMPLETE_DATE=&U_WELL_COMPLETE_DATE=&P_CONSTRUCTOR_NAME=&P_SURVEY_TOWNSHIP=20&P_SURVEY_RANGE=4&P_SURVEY_RANGE_DIR=&P_SURVEY_SECTION=32&Z_START=1&Z_ACTION=QUERY&Z_CHK=0](https://prodoasext.dnr.wi.gov/inter1/watr$well_const.querylist?P_WI_UNIQUE_WELL_NO=&P_COUNTY_CODE=29&P_MUNI_NAME=&P_WELL_ADDR=&P_WELL_COMPLETE_DATE=&U_WELL_COMPLETE_DATE=&P_CONSTRUCTOR_NAME=&P_SURVEY_TOWNSHIP=20&P_SURVEY_RANGE=4&P_SURVEY_RANGE_DIR=&P_SURVEY_SECTION=32&Z_START=1&Z_ACTION=QUERY&Z_CHK=0)

Under the COUNTY dropbox click Juneau

Under Township 20

Under Range 4 (1,2,11,13,16,17,19,23,24,25,26,27,32,33)

Under Range 5 (4,5,6,20,30)

3,9,22 have zero wells

Under Section (1,2,3,4,5,6,9,11,13,16,17,19,20,22,23,24,25,26,27,30,32,33)

Must clear and enter new data each time for Query

The second website shows wells 1930-1989

Township 20

Range 4, and 5 (same as above for Range 4,5)

Sections as listed above Under Section

Also can click on map for data for each well

If you back out of the picture you can see all wells and click on each

<http://geodata.wgnhs.uwex.edu/well-viewer/>

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